

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/589,696  
Source: IFWP  
Date Processed by STIC: 8/29/06

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IFWP

## RAW SEQUENCE LISTING

DATE: 08/29/2006

PATENT APPLICATION: US/10/589,696

TIME: 10:06:01

Input Set : A:\SQL041025.txt

Output Set: N:\CRF4\08292006\J589696.raw

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3 <110> APPLICANT: Golz, Stephan
4     Brueggemeier, Ulf
5     Geerts, Andreas
6     Summer, Holger
8 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
9     Kallikrein 5 (KLK5)
11 <130> FILE REFERENCE: 004974.01214
C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/589,696
C--> 13 <141> CURRENT FILING DATE: 2006-08-16
13 <150> PRIOR APPLICATION NUMBER: EP04003587.5
14 <151> PRIOR FILING DATE: 2004-02-18
16 <150> PRIOR APPLICATION NUMBER: PCT/EP2005/001130
17 <151> PRIOR FILING DATE: 2004-02-18
19 <160> NUMBER OF SEQ ID NOS: 5
21 <170> SOFTWARE: PatentIn version 3.2
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 1260
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
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30 ccctggatgt ggggtgctctg tgctctgac acagccttgc ttctgggggt cacagagcat      120
31 gttctcgcca acaatgatgt ttctgtgac cccccctcta acaccgtgcc ctctgggagc      180
32 aaccaggacc tgggagctgg ggccggggaa gacgcccggc cggatgacag cagcagccgc      240
33 atcatcaatg gatccgactg cgatatgcac acccagccgt ggcaggccgc gctgttgcta      300
34 aggcccaacc agctctactg cggggcggtg ttggtgcac cacagtggct gctcacggcc      360
35 gccactgca ggaagaaagt ttccagagtc cgtctcggcc actactccct gtcaccagtt      420
36 tatgaatctg ggcagcagat gttccagggg gtcaaatacca tccccaccc tggtactcc      480
37 caccctggcc actctaacga cctcatgctc atcaaactga acagaagaat tcgtccact      540
38 aaagatgtca gacccatcaa cgtctcctct cattgtccct ctgctgggac aaagtgttg      600
39 gtgtctggct gggggacaac caagagcccc caagtgcact tccctaaggc cctccagtgc      660
40 ttgaatatca gcgtgctaag tcagaaaagg tgcgaggatg cttaccgag acagatagat      720
41 gacaccatgt tctgcgcccg tgacaaagca ggtagagact cctgccaggg tgattctggg      780
42 gggcctgtgg tctgcaatgg ctccctgcag ggactcgtgt cctggggaga ttacccttgt      840
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44 gaaaccatcc aggccaaactc ctgagtcac ccaggactca gcacaccggc atccccacct      960
45 gctgcaggga cagccctgac actcctttca gaccctcatt ccttcccaga gatgttgaga     1020
46 atgttcatct ctccagcccc tgaccccatg tctcctggac tcagggtctg cttccccac     1080
47 attgggctga cgtgtctct ctagttgaac cctgggaaca atttccaaaa ctgtccaggg     1140
48 cgggggttgc gtctcaatct ccctggggca ctttcatcct caagctcagg gcccatccct     1200
49 tctctgcagc tctgacccaa atttagtccc agaaataaac tgagaagtgg aaaaaaaaaa     1260
51 <210> SEQ ID NO: 2
52 <211> LENGTH: 293

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53 <212> TYPE: PRT
54 <213> ORGANISM: Homo sapiens
56 <400> SEQUENCE: 2
57 Met Ala Thr Ala Arg Pro Pro Trp Met Trp Val Leu Cys Ala Leu Ile
58 1 5 10 15
59 Thr Ala Leu Leu Gly Val Thr Glu His Val Leu Ala Asn Asn Asp
60 20 25 30
61 Val Ser Cys Asp His Pro Ser Asn Thr Val Pro Ser Gly Ser Asn Gln
62 35 40 45
63 Asp Leu Gly Ala Gly Ala Gly Glu Asp Ala Arg Ser Asp Asp Ser Ser
64 50 55 60
65 Ser Arg Ile Ile Asn Gly Ser Asp Cys Asp Met His Thr Gln Pro Trp
66 65 70 75 80
67 Gln Ala Ala Leu Leu Leu Arg Pro Asn Gln Leu Tyr Cys Gly Ala Val
68 85 90 95
69 Leu Val His Pro Gln Trp Leu Leu Thr Ala Ala His Cys Arg Lys Lys
70 100 105 110
71 Val Phe Arg Val Arg Leu Gly His Tyr Ser Leu Ser Pro Val Tyr Glu
72 115 120 125
73 Ser Gly Gln Gln Met Phe Gln Gly Val Lys Ser Ile Pro His Pro Gly
74 130 135 140
75 Tyr Ser His Pro Gly His Ser Asn Asp Leu Met Leu Ile Lys Leu Asn
76 145 150 155 160
77 Arg Arg Ile Arg Pro Thr Lys Asp Val Arg Pro Ile Asn Val Ser Ser
78 165 170 175
79 His Cys Pro Ser Ala Gly Thr Lys Cys Leu Val Ser Gly Trp Gly Thr
80 180 185 190
81 Thr Lys Ser Pro Gln Val His Phe Pro Lys Val Leu Gln Cys Leu Asn
82 195 200 205
83 Ile Ser Val Leu Ser Gln Lys Arg Cys Glu Asp Ala Tyr Pro Arg Gln
84 210 215 220
85 Ile Asp Asp Thr Met Phe Cys Ala Gly Asp Lys Ala Gly Arg Asp Ser
86 225 230 235 240
87 Cys Gln Gly Asp Ser Gly Gly Pro Val Val Cys Asn Gly Ser Leu Gln
88 245 250 255
89 Gly Leu Val Ser Trp Gly Asp Tyr Pro Cys Ala Arg Pro Asn Arg Pro
90 260 265 270
91 Gly Val Tyr Thr Asn Leu Cys Lys Phe Thr Lys Trp Ile Gln Glu Thr
92 275 280 285
93 Ile Gln Ala Asn Ser
94 290
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97 <211> LENGTH: 18
98 <212> TYPE: DNA
99 <213> ORGANISM: artificial sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: forward primer
104 <400> SEQUENCE: 3
105 ctgggggaca accaagag

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Input Set : A:\SQL041025.txt

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107 <210> SEQ ID NO: 4  
108 <211> LENGTH: 20  
109 <212> TYPE: DNA  
110 <213> ORGANISM: artificial sequence  
112 <220> FEATURE:  
113 <223> OTHER INFORMATION: reverse primer  
115 <400> SEQUENCE: 4  
116 agcacgctga tattcaagca 20  
118 <210> SEQ ID NO: 5  
119 <211> LENGTH: 24  
120 <212> TYPE: DNA  
121 <213> ORGANISM: artificial sequence  
123 <220> FEATURE:  
124 <223> OTHER INFORMATION: probe  
126 <400> SEQUENCE: 5  
127 ccccaagtgc acttcctaa ggtc 24

VERIFICATION SUMMARY

DATE: 08/29/2006

PATENT APPLICATION: US/10/589,696

TIME: 10:06:02

Input Set : A:\SQL041025.txt

Output Set: N:\CRF4\08292006\J589696.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date.